

1/20

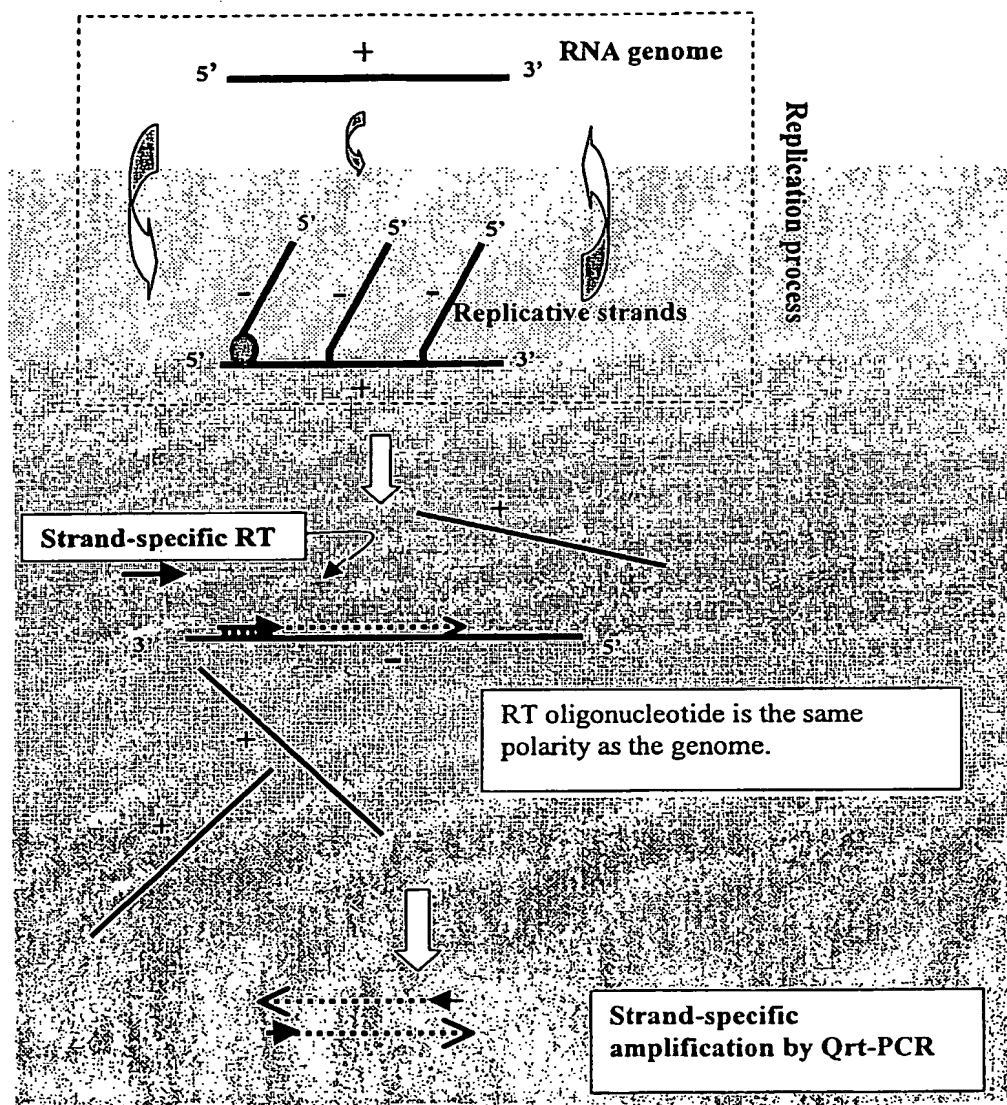


Figure 1
PRIOR ART

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2/20

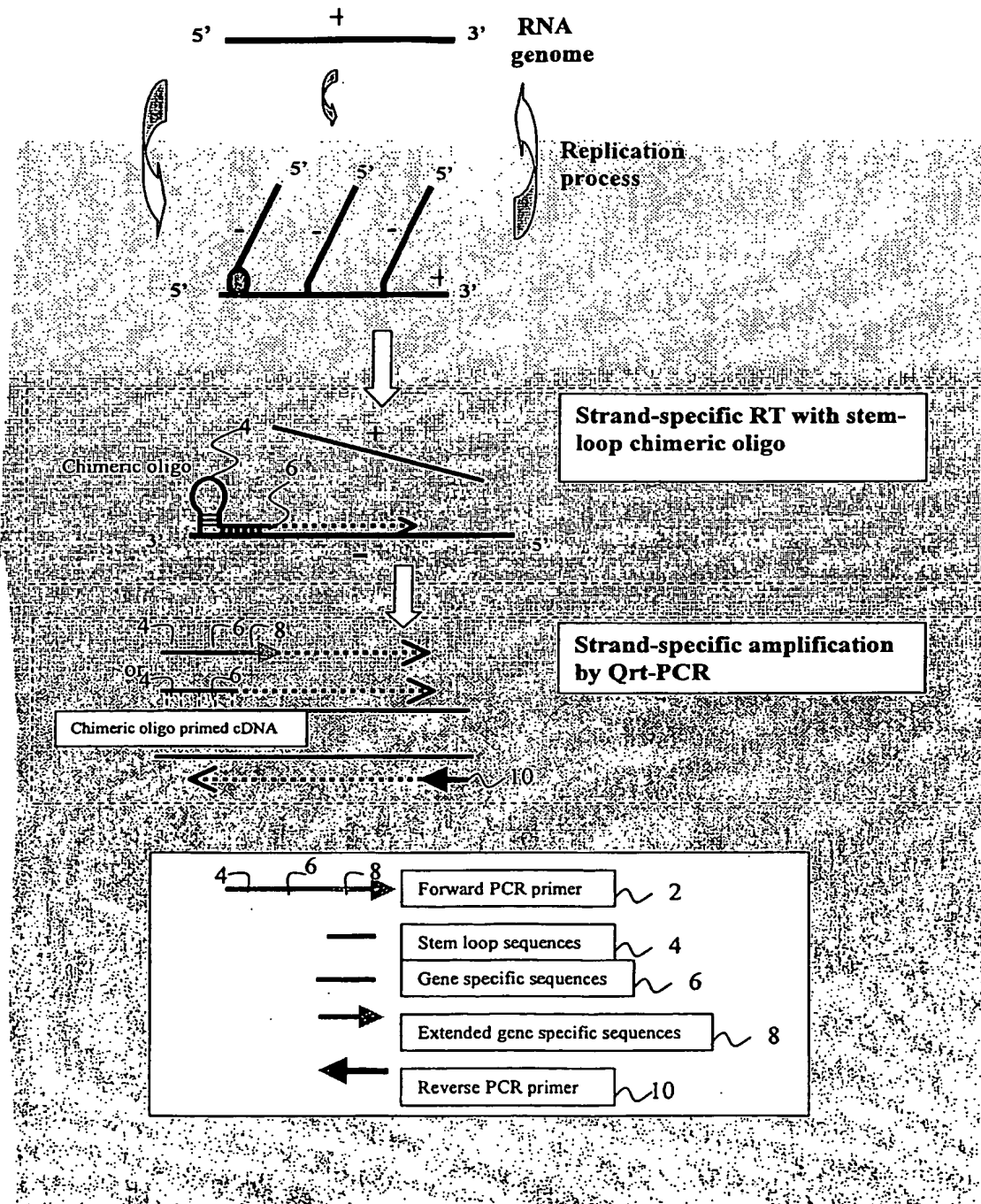
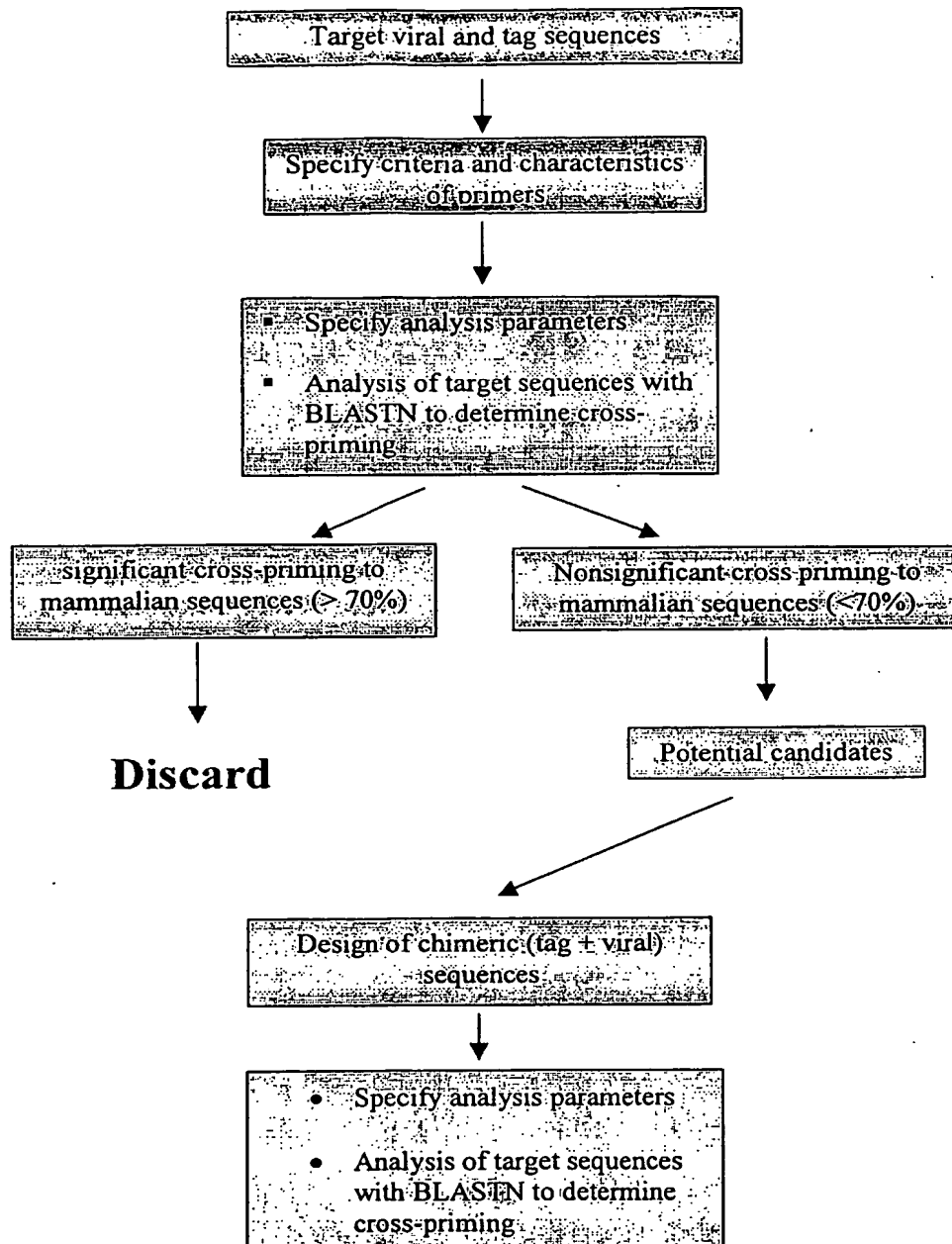
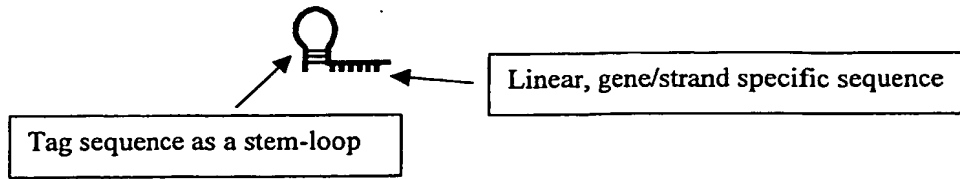
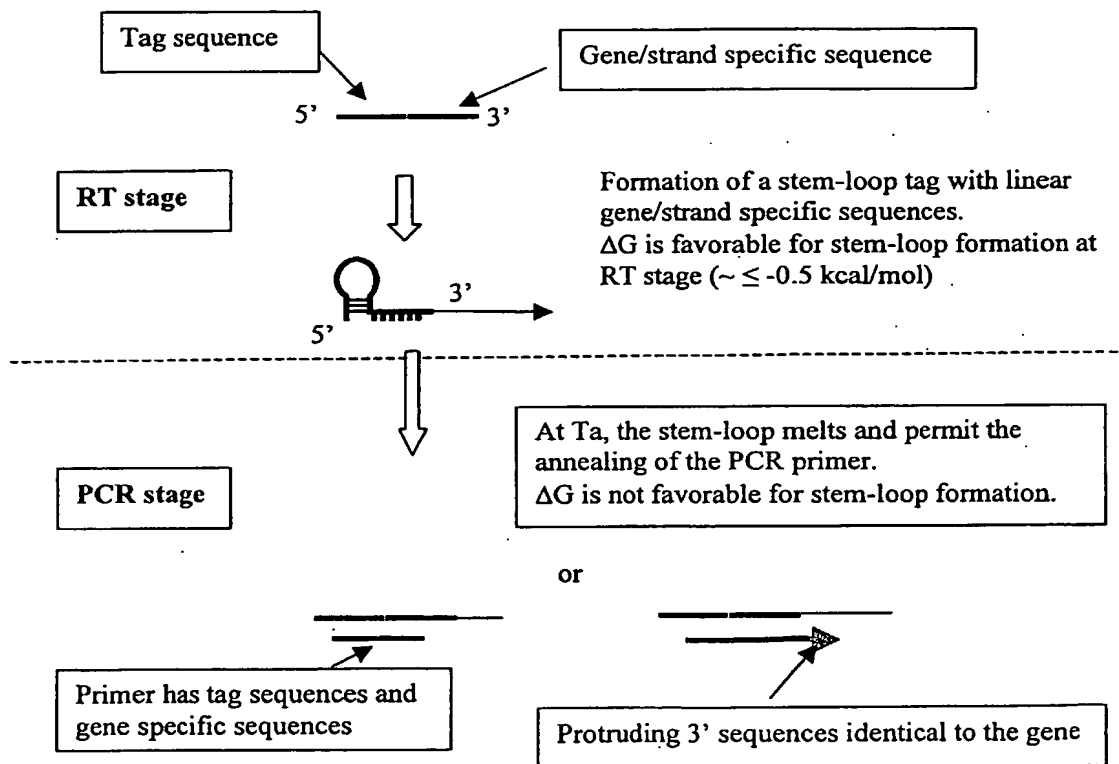


Figure 2

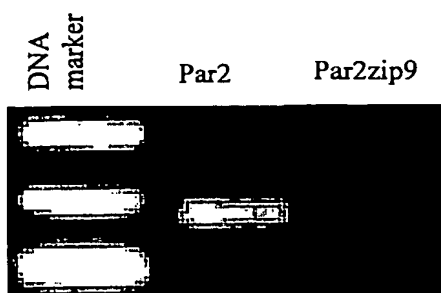
3/20

**Figure 3**

4/20

**Figure 4****Figure 5**

5/20

**Figure 6**

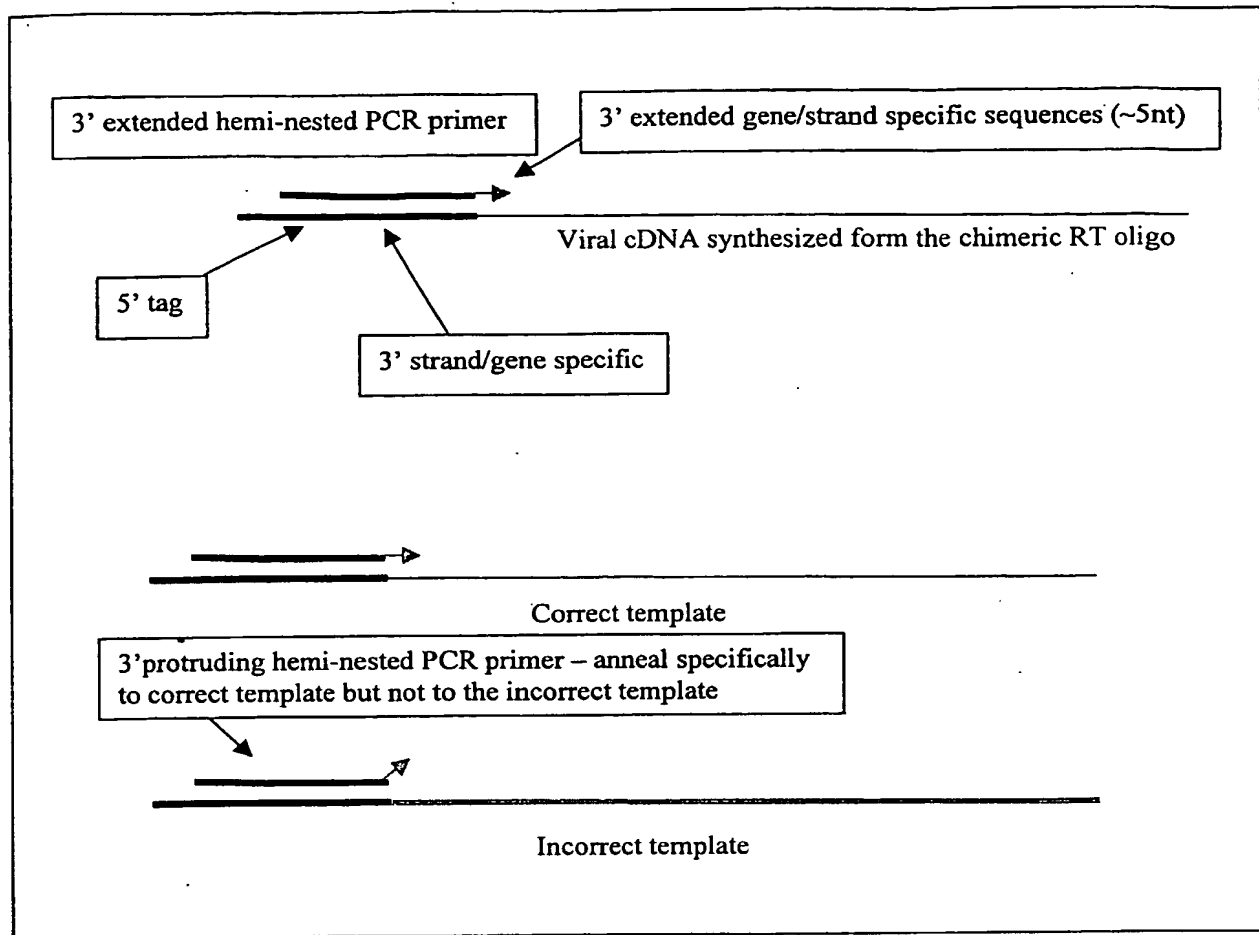
Max complementarity: 9 bp, $dG = -4.20$ Kcal/mol

5' - TCTACAAAGACAGCACACTTTGTAGAGACCTGGG - 3'

C:::C
A A
G * C Par2zip9
A * T
A * T
A * T
C * G
A * T
T * A
C * G
T * A
5' - GACCTGGG - 3'

Figure 7

6/20

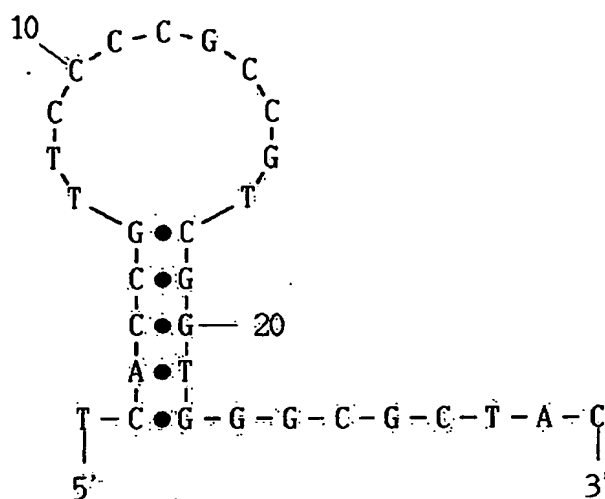
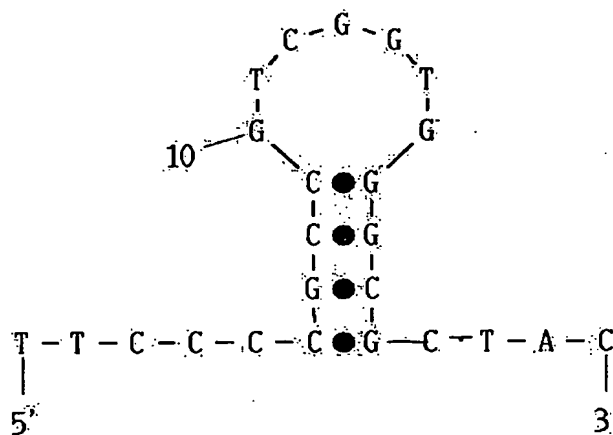
**Figure 8**

BOX 1

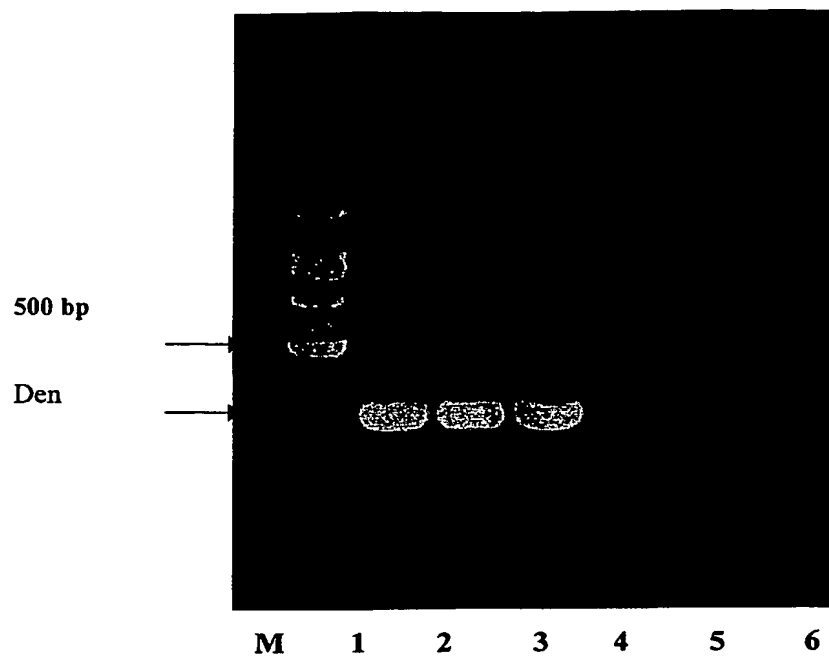
Primer locations on target sequence		Primer Characters <input checked="" type="checkbox"/> Shortest (primers only)	
Product size (bp) from:	101 to 200	Length (base)	18 to 21
Sense primer from:	1 to 10744	Tm (°C)	62 to 65
Antisense primer from:	1 to 10744	GC (%)	40 to 60
Discard primers when		Concentrations	
3' Dimers (bp) > 3	Hairpin Stem (bp) > 3	Primer (nM)	50
PolY-N (base) > 3	3' Unique (base) < 6	Salt (mM)	50

Figure 9

7/20

**Figure 10****Figure 11**

8/20

**Figure 12**

9/20

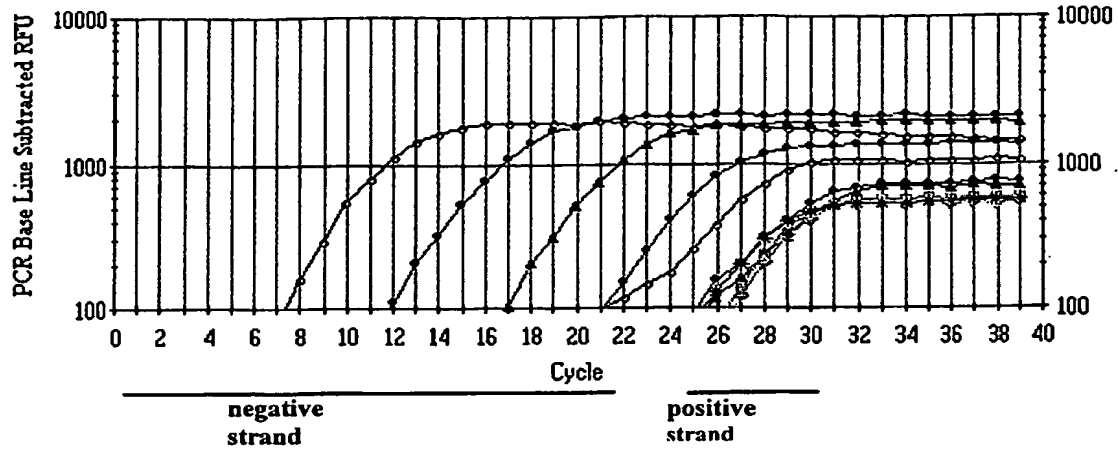


Figure 13A

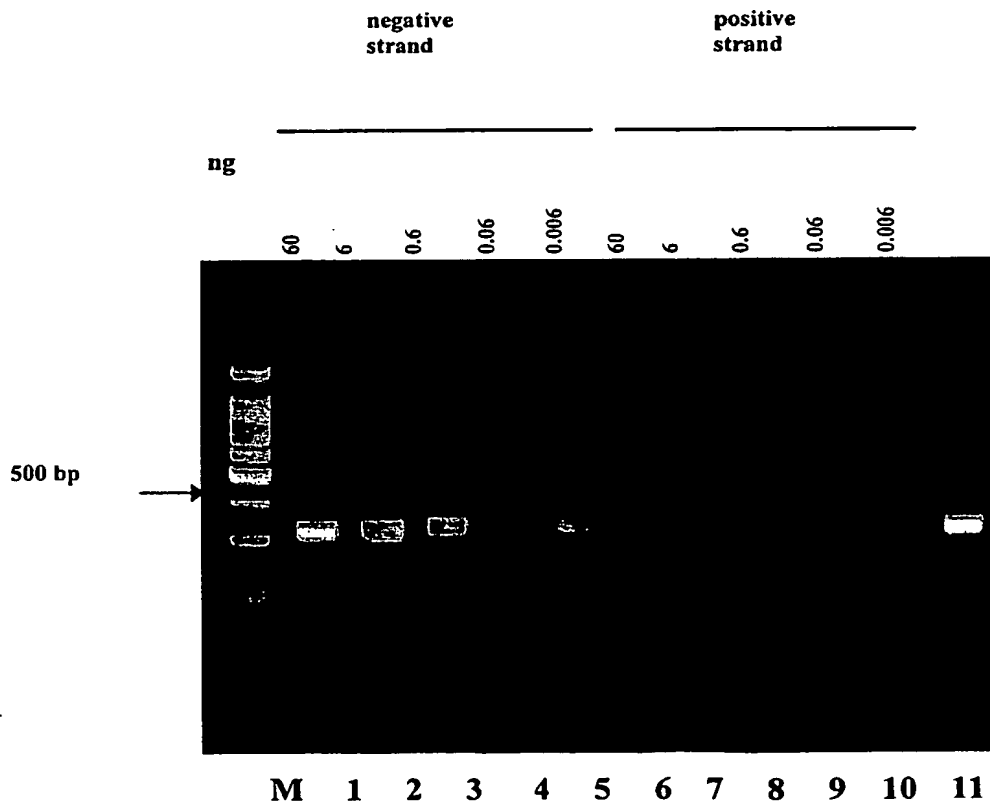
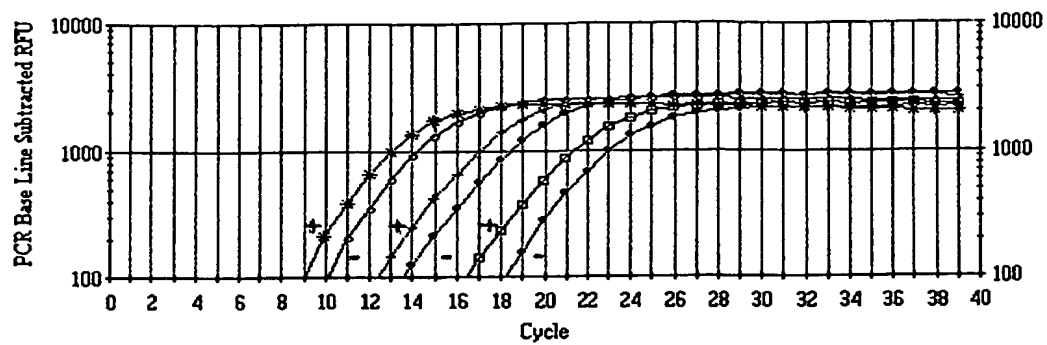
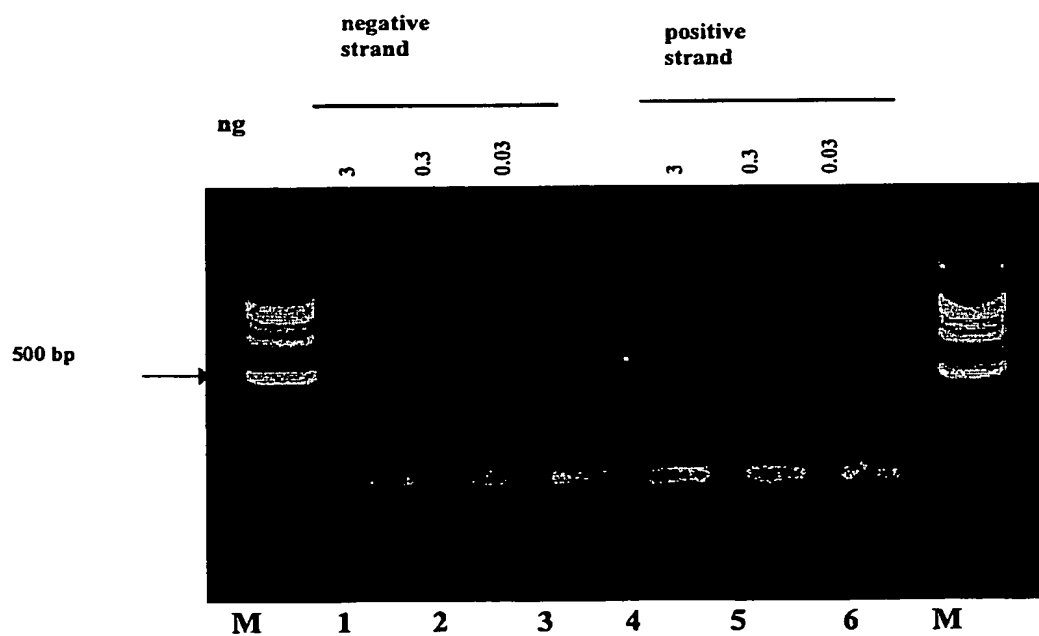
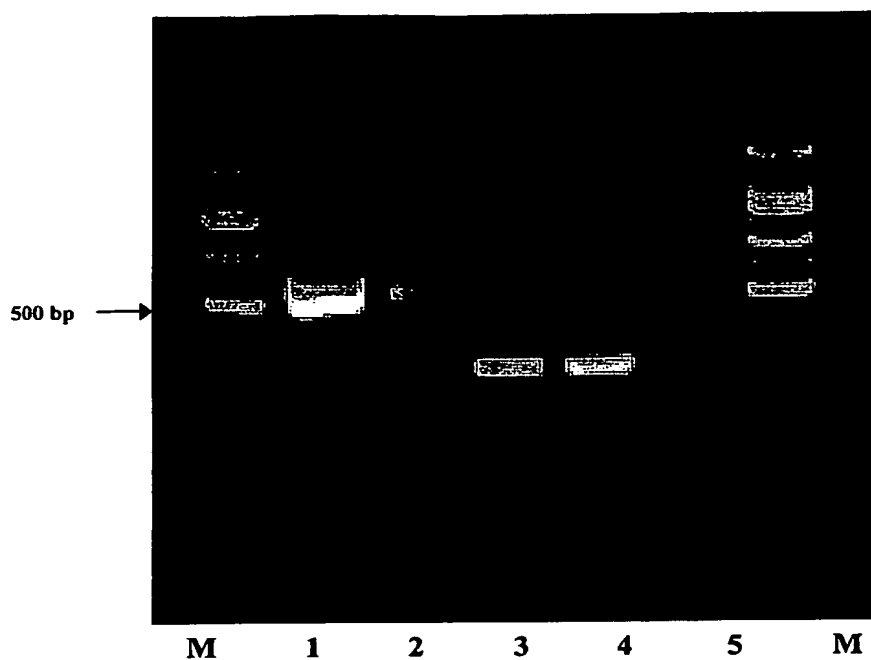


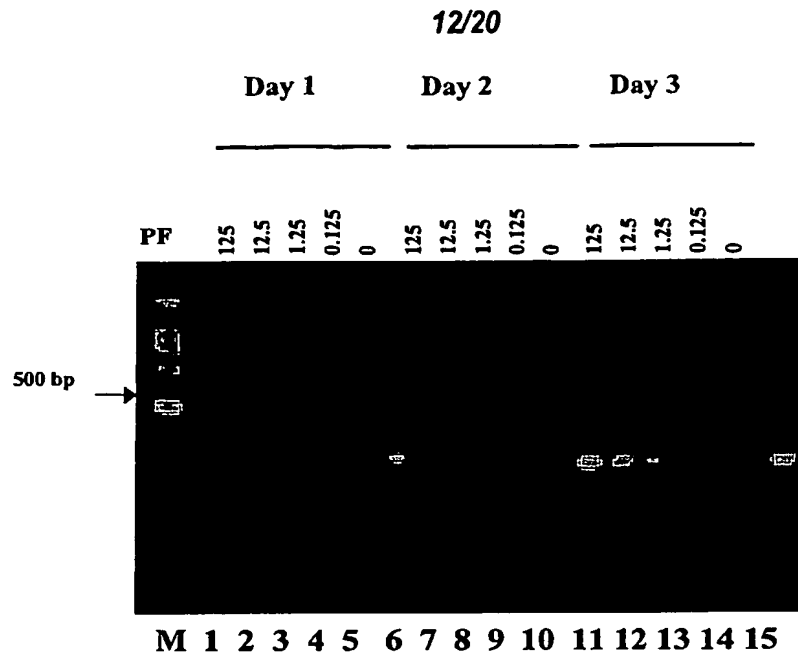
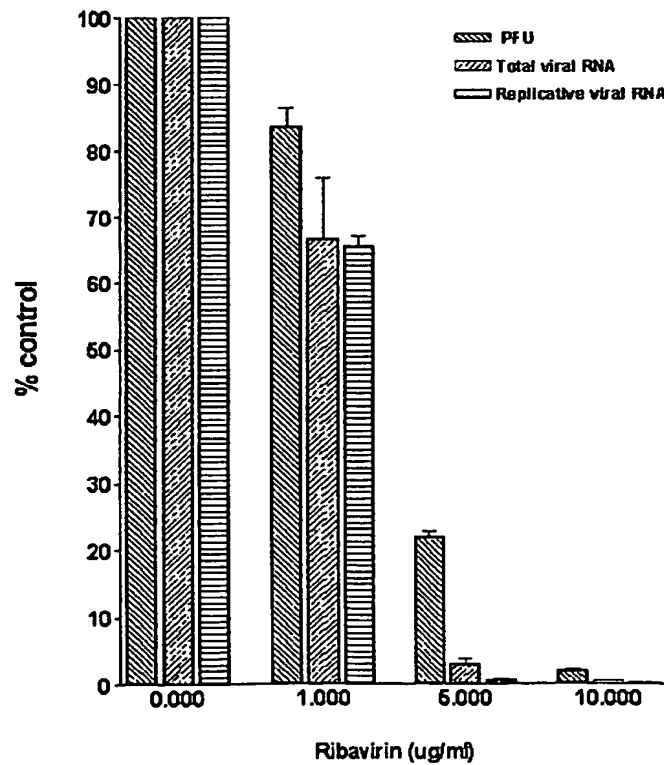
Figure 13B

10/20

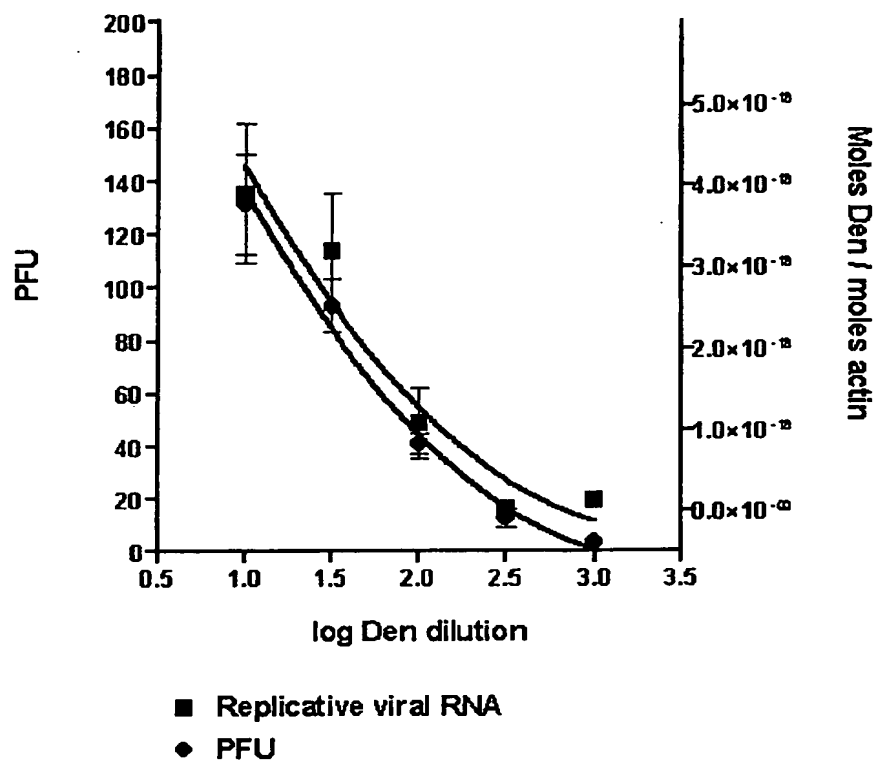
**Figure 13C****Figure 13D**

11/20

Figure 14

**Figure 15A****Figure 15B**

13/20

**Figure 16**

14/20

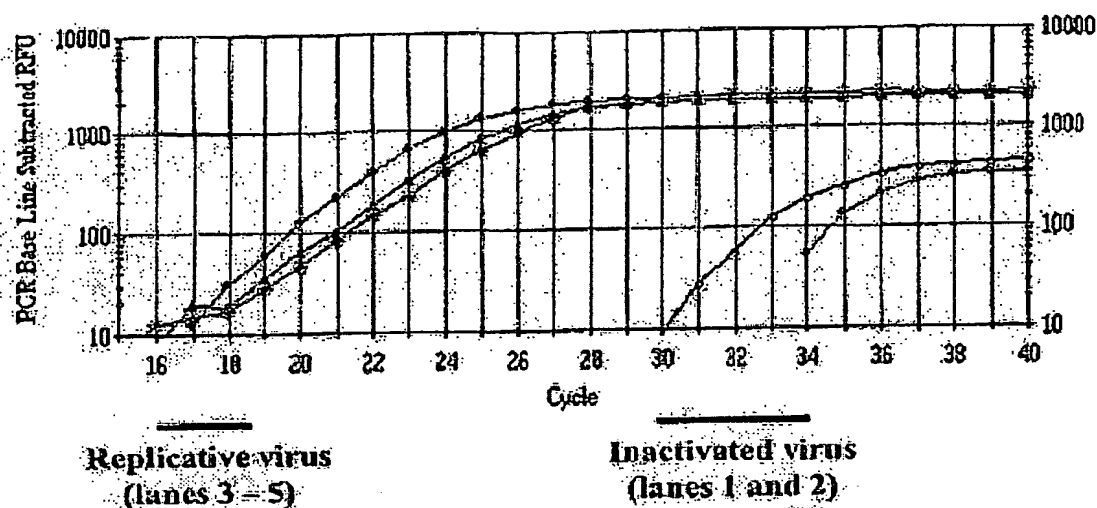


Figure 17A

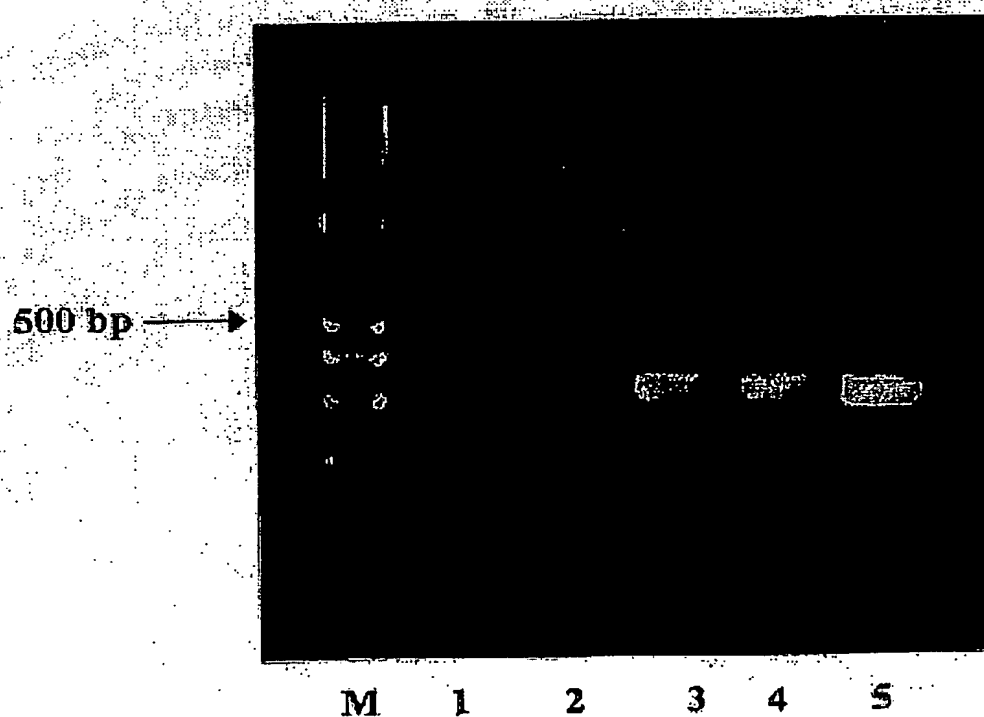
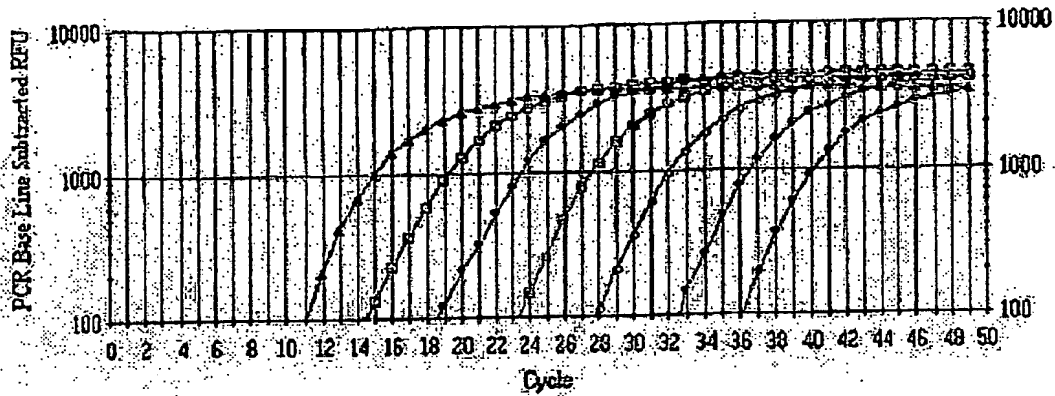
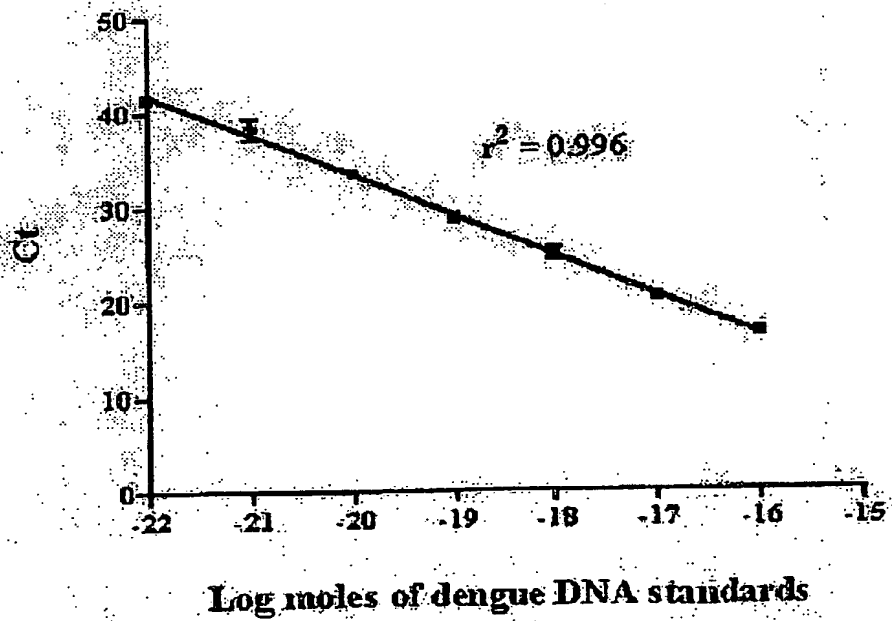
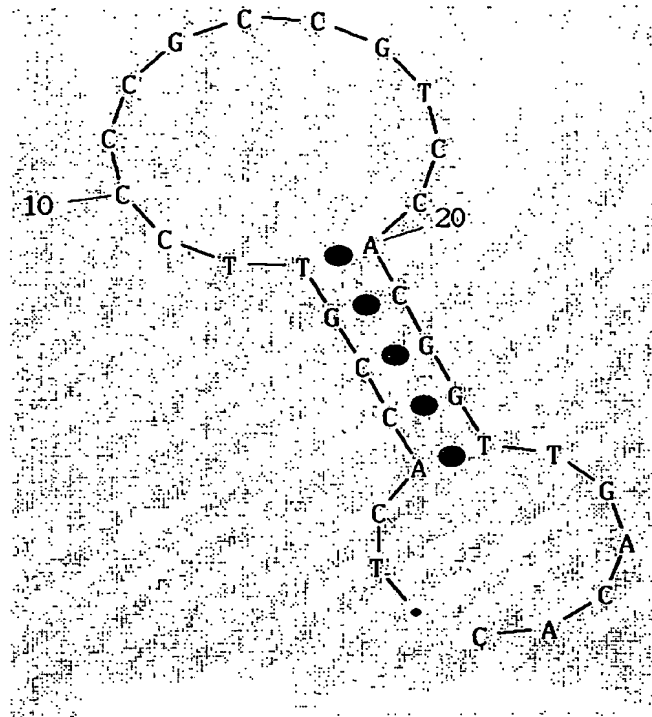


Figure 17B

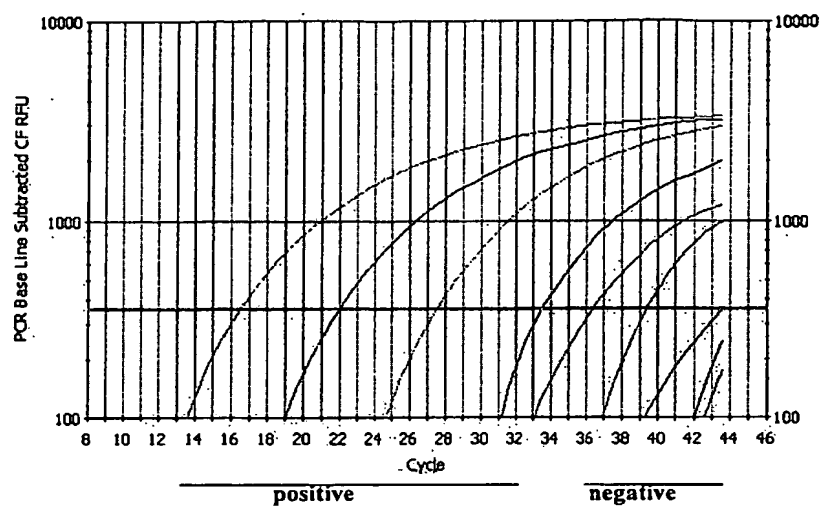
15/20

**Figure 18A****Figure 18B**

16/20

**Figure 19**

17/20

**Figure 20A**

positive

negative

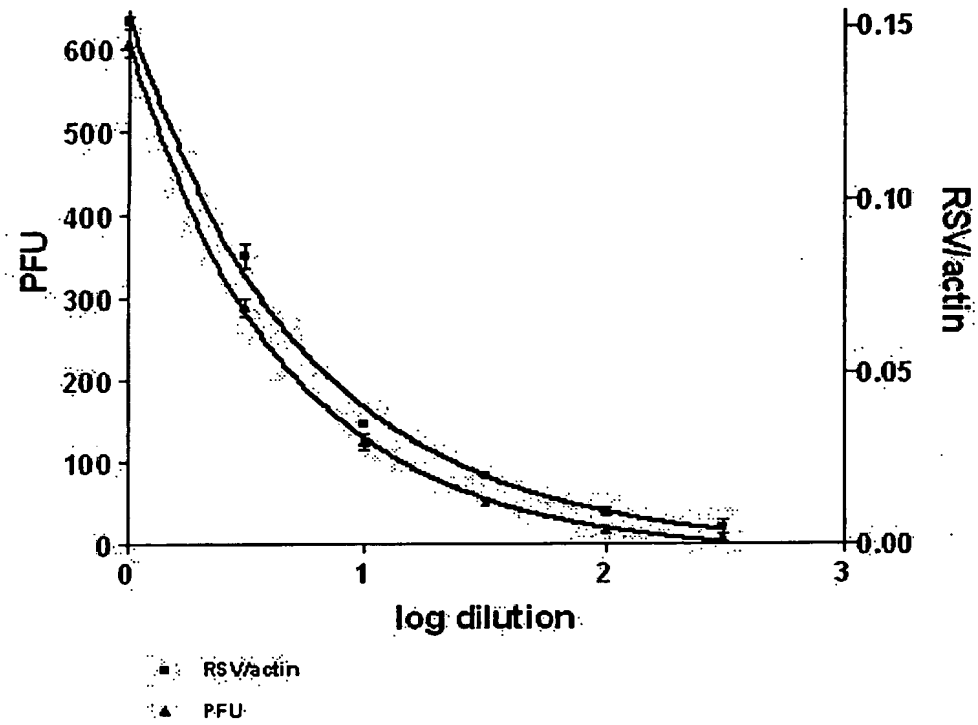
S



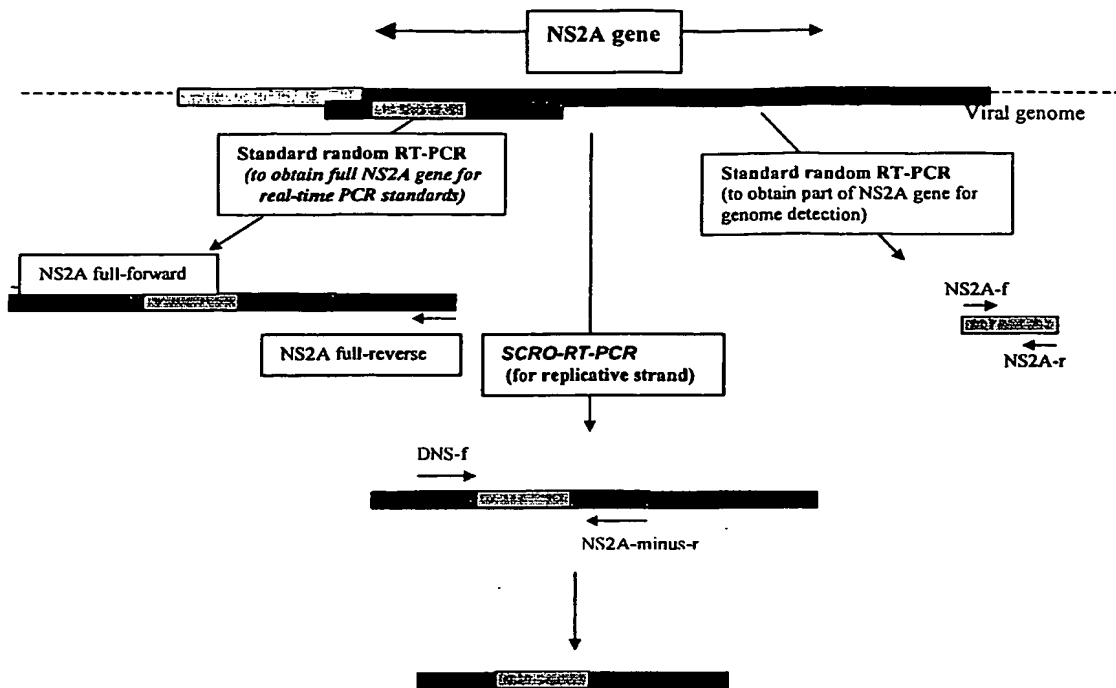
M 1 2 3 4 5 6 7 8 9 10 11 M

Figure 20B

19/20

**Figure 21**

20/20

**Figure 22**

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